

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A wireless communication unit ~~(300)~~ incorporating a receiver, the receiver comprising:
 - radio frequency circuitry ~~(210, 220, 230, 240)~~ for receiving a radio frequency signal and converting said radio frequency signal to a low frequency signal;
 - a signal level adjustment circuit for receiving said low frequency signal;
 - an analogue to digital converter ~~(370)~~, operably coupled to said signal level adjustment circuit for receiving an adjusted low frequency signal and providing a digital received signal; and
 - a signal processor ~~(108)~~ operably coupled to the analogue to digital converter ~~(370)~~ for processing said digital received signal;wherein ~~the receiver is characterised by~~ said signal level adjustment circuit ~~includes~~ a low frequency amplifier ~~(360)~~ whose gain is arranged to be dependent upon a clip point of said analogue to digital converter ~~(370)~~.
2. (currently amended) The wireless communication unit ~~(300)~~ according to claim 1, wherein the signal level adjustment circuit ~~is further characterised by~~ comprises a dynamic compressor function ~~(362)~~, operably coupled to said low frequency amplifier ~~(360)~~ for limiting a signal output from said low frequency amplifier ~~(360)~~.
3. (currently amended) The wireless communication unit ~~(300)~~ according to claim 2, wherein the gain of said low frequency amplifier ~~(360)~~ is arranged to be dependent upon a clip point of said dynamic compressor function ~~(362)~~.

4. (currently amended) The wireless communication unit ~~(300)~~ according to Claim 3, wherein the gain of said low frequency amplifier ~~(360)~~ is arranged to be dependent upon the clip point of said dynamic compressor function ~~(362)~~ subtracted by the clip point of said analogue to digital converter ~~(370)~~.
5. (currently amended) The wireless communication unit ~~(300)~~ according to ~~any of~~ Claims 2 ~~to 4~~, wherein said signal level adjustment circuit is further characterised by comprises a fixed attenuator ~~(365)~~ operably coupled to said dynamic compressor function ~~(362)~~ to attenuate a received signal output from said dynamic compressor function ~~(362)~~ to below a clip point threshold of said analogue to digital converter ~~(370)~~.
6. (currently amended) The wireless communication unit ~~(300)~~ according to Claim 5, wherein said fixed attenuator ~~(365)~~ is arranged to be dependent upon a clip point of said analogue to digital converter ~~(370)~~.
7. (currently amended) The wireless communication unit ~~(300)~~ according to Claim 5 ~~or Claim 6~~, wherein said fixed attenuator ~~(365)~~ is arranged to be dependent upon a clip point of said dynamic compressor function ~~(362)~~.
8. (currently amended) The wireless communication unit ~~(300)~~ according to Claim 177 ~~when dependent upon Claim 6~~, wherein said fixed attenuator ~~(365)~~ is arranged to be dependent upon the clip point of said dynamic compressor function ~~(362)~~ subtracted by the clip point of said analogue to digital converter ~~(370)~~.
9. (currently amended) The wireless communication unit ~~(300)~~ according to ~~any~~ ~~preceding~~ Claim 1, wherein said low frequency components are at an intermediate or baseband frequency.

10. (currently amended) The wireless communication unit-(300) according to ~~any~~ ~~preceding~~ Claim 1, wherein said receiver has a high dynamic range, for example in excess of 100 dB.

11. (currently amended) The wireless communication unit-(300) according to ~~any~~ ~~preceding~~ Claim 1, wherein said signal level adjustment circuit negates a need for an automatic gain control circuit.

12. (currently amended) The wireless communication unit-(300) according to ~~any~~ ~~preceding~~ Claim 1, wherein the wireless communication unit is a subscriber unit or a base transceiver station operating in a wireless communication system.

13. (currently amended) The wireless communication unit-(300) according to Claim 12 wherein the subscriber unit is one of a portable or mobile PMR radio, a mobile phone, a personal digital assistant, a wireless capable laptop computer.

14. (currently amended) The wireless communication unit-(300) according to ~~any~~ ~~preceding~~ Claim 1, wherein the received signal is a digitally modulated signal.

15. (currently amended) The wireless communication unit-(300) according to Claim 14, wherein the receiver is a linear receiver for receiving said digitally modulated signal.

16. (currently amended) A method of signal reception for a wireless communication unit ~~(300)~~, the method comprising:

receiving a radio frequency signal ~~(210, 220, 230, 240)~~ and converting said radio frequency signal to a low frequency signal;

adjusting the signal level of said low frequency signal;

analogue to digital converting ~~(370)~~ the signal with an analogue to digital converter ~~(370)~~ after said signal level adjustment step, thereby providing a digital received signal; and signal processing ~~(108)~~ of the said digital received signal;

wherein ~~the method is characterised by~~ said signal level adjustment circuit ~~including~~ includes low frequency amplification ~~(360)~~ with a gain arranged to be dependent upon a clip point of said analogue to digital converter ~~(370)~~.

17. (new) The wireless communication unit according to Claim 6, wherein said fixed attenuator is arranged to be dependent upon a clip point of said dynamic compressor function.